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PATENT APPLN. NO. 10/786,594
RESPONSE UNDER 37 C.F.R. §1.111

PATENT
NON-FINAL

IN THE SPECIFICATION:

The paragraph beginning at page 4, line 13, has been amended as follows:

The oxidation-reduction potential of calcium ion is as low as -2.866V relative to the normal hydrogen electrode (NHE) as shown below. Since 2 moles of electrons will move for oxidizing or reducing 1 mole of Ca ions, Ca ions are ~~ions species~~ ionic species that are expected to give high energy density.



The paragraph beginning at page 12, line 14 has been amended as follows:

Fig. 1 is a perspective view showing a test cell of a nonaqueous electrolyte battery according to Example of the present invention.

Fig. 2 is a view showing a ~~discharge curve~~ discharge curve of a test cell of Example 1 of the present invention.

Fig. 3 is a view showing a ~~discharge curve~~ discharge curve of a test cell of Example 2 of the present invention.

Fig. 4 is a view showing a ~~discharge curve~~ discharge curve of a test cell of Example 3 of the present invention.

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The paragraph beginning at page 19, line 1 has been amended as follows:

The discharge curve of this time is shown in ~~Fig. 2~~ Fig. 4. This discharge curve demonstrates that sulfur has a discharge capacity of as large as 500 mAh/g.